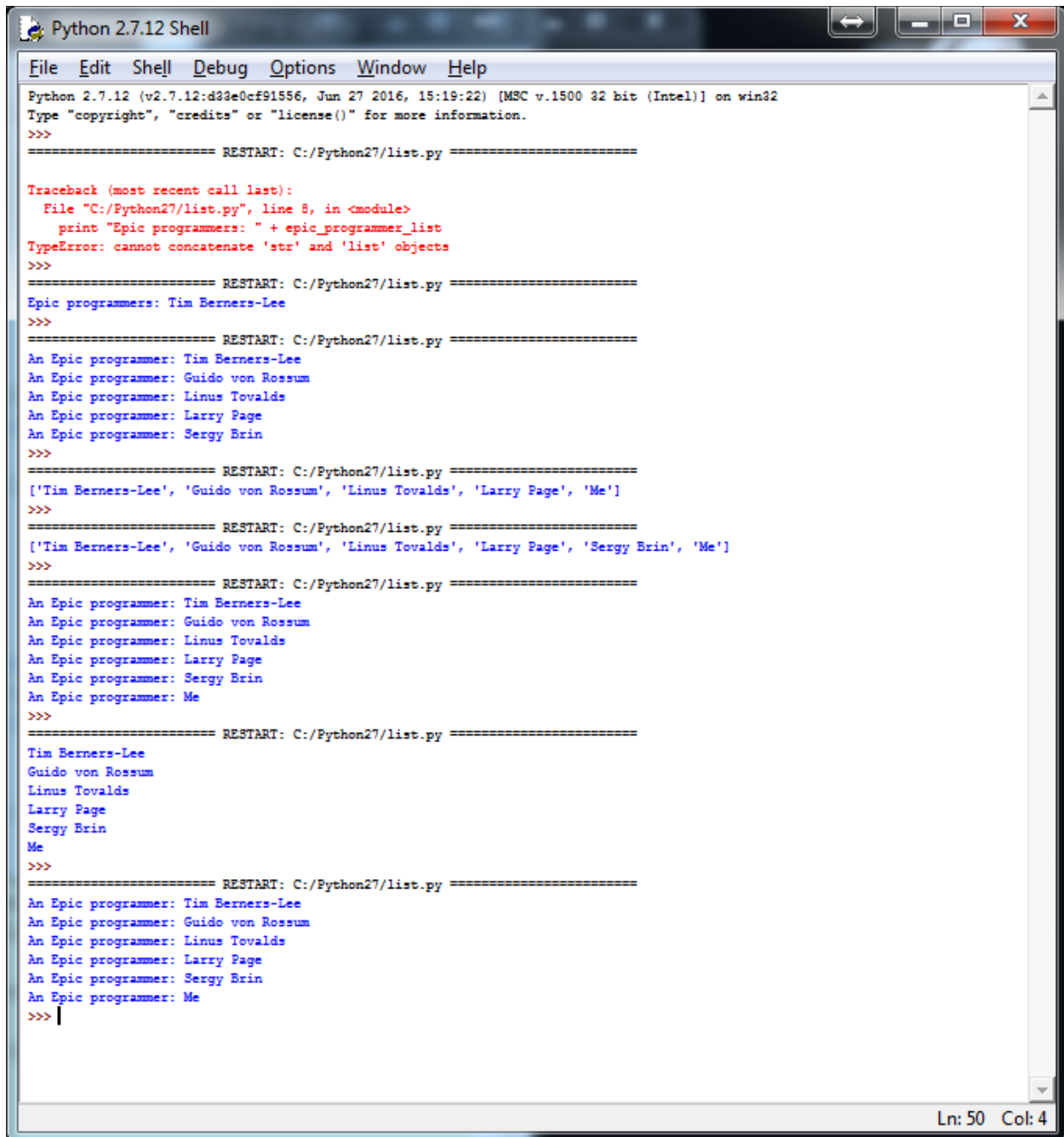


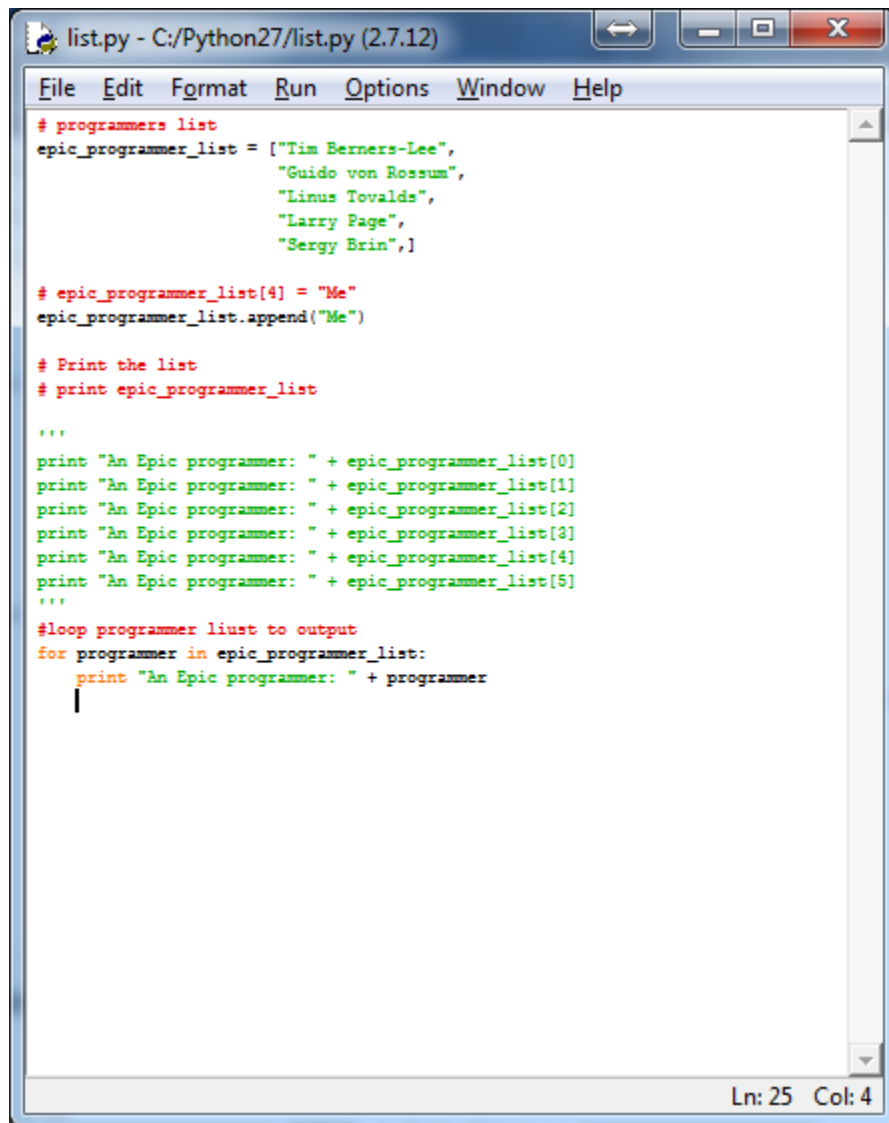
Step 25: Drill - Python In A Day chapter 8



```
Python 2.7.12 Shell
File Edit Shell Debug Options Window Help
Python 2.7.12 (v2.7.12:d33e0cf91556, Jun 27 2016, 15:19:22) [MSC v.1500 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Python27/list.py =====
Traceback (most recent call last):
  File "C:/Python27/list.py", line 8, in <module>
    print "Epic programmers: " + epic_programmer_list
TypeError: cannot concatenate 'str' and 'list' objects
>>>
===== RESTART: C:/Python27/list.py =====
Epic programmers: Tim Berners-Lee
>>>
===== RESTART: C:/Python27/list.py =====
An Epic programmer: Tim Berners-Lee
An Epic programmer: Guido von Rossum
An Epic programmer: Linus Tovalds
An Epic programmer: Larry Page
An Epic programmer: Sergy Brin
>>>
===== RESTART: C:/Python27/list.py =====
['Tim Berners-Lee', 'Guido von Rossum', 'Linus Tovalds', 'Larry Page', 'Me']
>>>
===== RESTART: C:/Python27/list.py =====
['Tim Berners-Lee', 'Guido von Rossum', 'Linus Tovalds', 'Larry Page', 'Sergy Brin', 'Me']
>>>
===== RESTART: C:/Python27/list.py =====
An Epic programmer: Tim Berners-Lee
An Epic programmer: Guido von Rossum
An Epic programmer: Linus Tovalds
An Epic programmer: Larry Page
An Epic programmer: Sergy Brin
An Epic programmer: Me
>>>
===== RESTART: C:/Python27/list.py =====
Tim Berners-Lee
Guido von Rossum
Linus Tovalds
Larry Page
Sergy Brin
Me
>>>
===== RESTART: C:/Python27/list.py =====
An Epic programmer: Tim Berners-Lee
An Epic programmer: Guido von Rossum
An Epic programmer: Linus Tovalds
An Epic programmer: Larry Page
An Epic programmer: Sergy Brin
An Epic programmer: Me
>>> |
```

Ln: 50 Col: 4





```
# programmers list
epic_programmer_list = ["Tim Berners-Lee",
                        "Guido von Rossum",
                        "Linus Torvalds",
                        "Larry Page",
                        "Sergey Brin",]

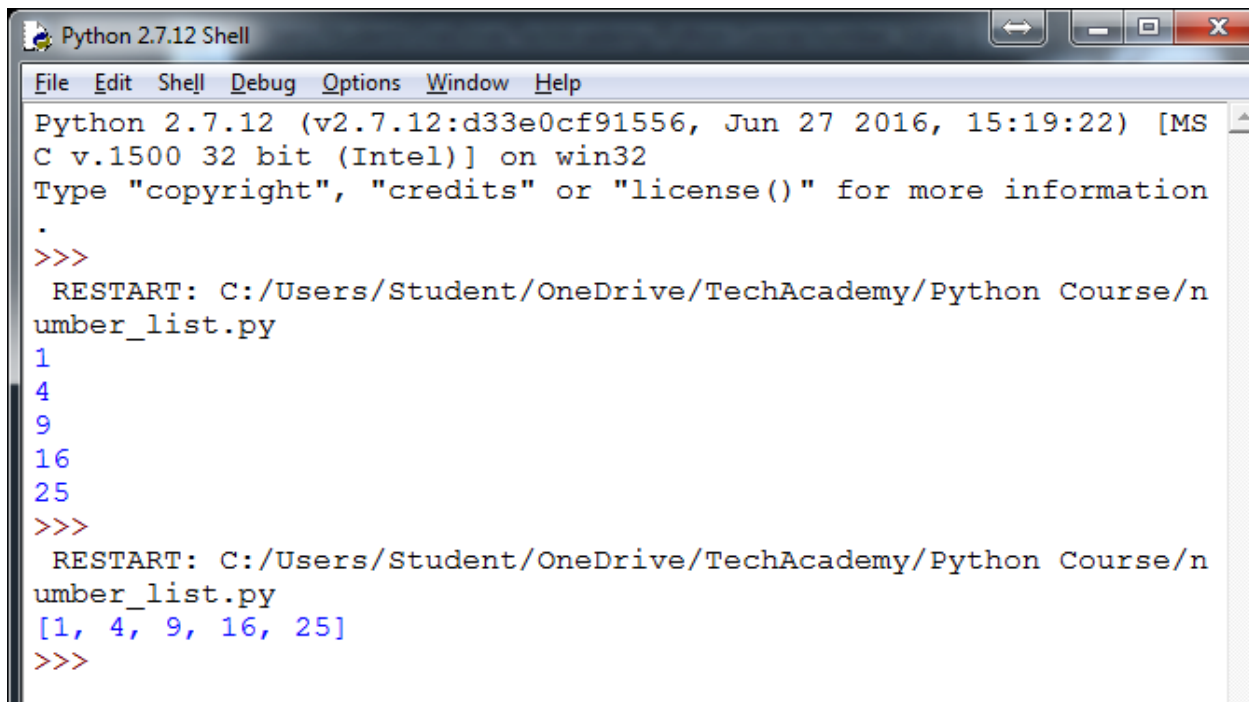
# epic_programmer_list[4] = "Me"
epic_programmer_list.append("Me")

# Print the list
# print epic_programmer_list

'''
print "An Epic programmer: " + epic_programmer_list[0]
print "An Epic programmer: " + epic_programmer_list[1]
print "An Epic programmer: " + epic_programmer_list[2]
print "An Epic programmer: " + epic_programmer_list[3]
print "An Epic programmer: " + epic_programmer_list[4]
print "An Epic programmer: " + epic_programmer_list[5]
'''

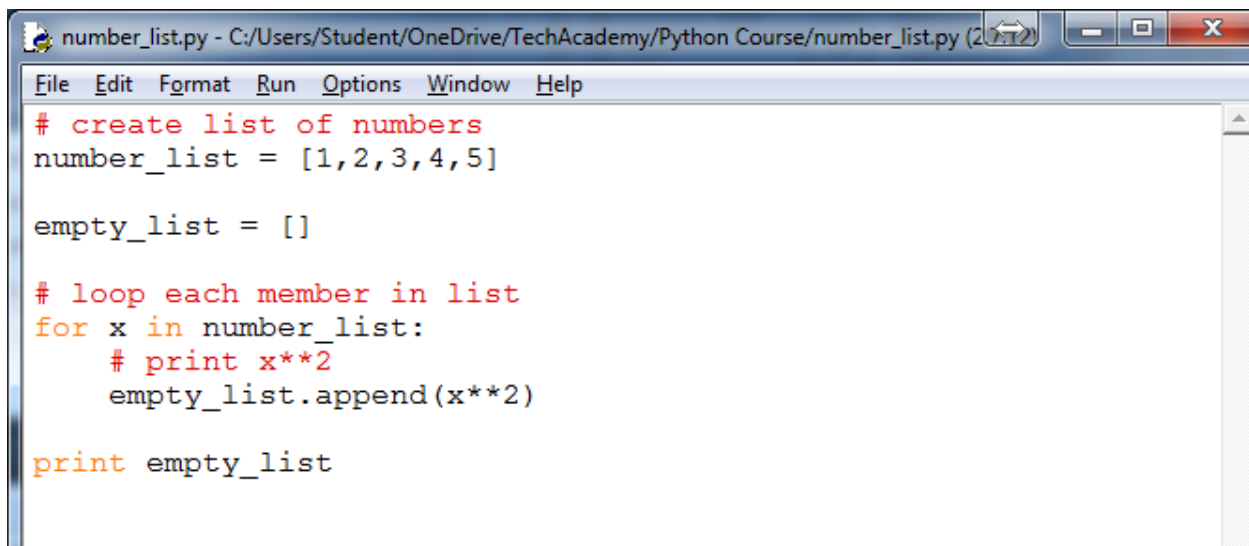
#loop programmer list to output
for programmer in epic_programmer_list:
    print "An Epic programmer: " + programmer
    |
```

Ln: 25 Col: 4



A screenshot of a Python 2.7.12 Shell window. The title bar reads "Python 2.7.12 Shell". The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The main text area shows the following content:

```
Python 2.7.12 (v2.7.12:d33e0cf91556, Jun 27 2016, 15:19:22) [MS
C v.1500 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information
.
>>>
  RESTART: C:/Users/Student/OneDrive/TechAcademy/Python Course/n
umber_list.py
1
4
9
16
25
>>>
  RESTART: C:/Users/Student/OneDrive/TechAcademy/Python Course/n
umber_list.py
[1, 4, 9, 16, 25]
>>>
```



A screenshot of a text editor window titled "number_list.py - C:/Users/Student/OneDrive/TechAcademy/Python Course/number_list.py (2017)". The menu bar includes "File", "Edit", "Format", "Run", "Options", "Window", and "Help". The main text area shows the following Python code:

```
# create list of numbers
number_list = [1,2,3,4,5]

empty_list = []

# loop each member in list
for x in number_list:
    # print x**2
    empty_list.append(x**2)

print empty_list
```



number_list.py